

A RESOLUTION

03- R -1179

BY TRANSPORTATION COMMITTEE

A RESOLUTION AUTHORIZING THE AVIATION GENERAL MANAGER TO ISSUE WORK AUTHORIZATION NO. 2 TO PRIME ENGINEERING INC. FOR FC-7370-01, ARCHITECTURAL AND ENGINEERING DESIGN SUPPORT SERVICES, IN AN AMOUNT NOT TO EXCEED TWO MILLION SIX HUNDRED THOUSAND DOLLARS (\$2,600,000.00) FOR ENGINEERING DESIGN OF THE APRON REPLACEMENT PROJECT AT HARTSFIELD ATLANTA INTERNATIONAL AIRPORT. ALL CONTRACTED WORK SHALL BE CHARGED TO AND PAID FROM FUND, ACCOUNT AND CENTER NUMBER 2H21 524001 R21E10209999.

WHEREAS, the City of Atlanta (the "City"), as owner and operator of the Hartsfield Atlanta International Airport, has undertaken a major expansion of the Airport to accommodate the increasing air traffic at the airport, including the Runway and Taxiway repair/replacement projects; and

WHEREAS, the City has engaged the services of eight (8) Architectural and Engineering ("A&E") Firms to perform on-call services in connection with the expansion project; and

WHEREAS, the A&E contracts require issuance of a Work Authorization for each project assigned by the Department of Aviation; and

WHEREAS, the apron pavement sections at HIA have reached the end of their design life and are scheduled for replacement requiring engineering design services; and

WHEREAS, in connection therewith, the City finds it in its best interest to award this project to Prime Engineering Inc., through its Architectural and Engineering Design Support Services Contract.

WHEREAS, in connection therewith, the Consolidated Rental Car Facility Site Development Engineering Design is scheduled to begin in December 2002; and

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ATLANTA, GEORGIA, that the Aviation General Manager be and is hereby authorized to issue a Work Authorization to Prime Engineering Inc., for FC-7370-01, Architectural and Engineering Design Support for the design of Ramp Replacement project in an amount not to exceed Two Million Six Hundred Thousand Dollars (\$2,600,000.00).

BE IT FURTHER RESOLVED, that all work contracted shall be charged to and paid from Fund, Account, and Center Number: 2H21-524001-R21E10209999.

BE IT FURTHER RESOLVED, that the Aviation General Manager be and is hereby directed to prepare and execute an appropriate Work Authorization.

BE IT FINALLY RESOLVED, that this Work Authorization shall not become binding on the City and the City shall incur no liability upon same until such Work Authorization has been issued and delivered to the contracting parties.

ON-CALL ARCHITECTURAL AND ENGINEERING MAJOR SUPPORT SERVICES SCOPE OF SERVICES

The A/E's Basic Services include normal architectural, civil, structural, mechanical, fire protection and electrical engineering services. The A/E shall perform all services and make all submittals and deliverables in accordance with the CITY's "Policies and Procedures" which includes but not limited to sections for Design Guidelines Manual, Quality Procedures, Program Control Procedures and Project Management Manual adopted by the Department of Aviation for all phases of the project. When the CITY desires any services, the CITY will contact the A/E and request a written proposal for the work to be performed on each project.

SCHEMATIC DESIGN PHASE

The A/E's scope during this project phase is to provide Schematic Design documents based upon the approved program, design and construction schedule and construction budget established during the Planning Phase. The A/E must first review the scope and program along with other supporting information and confirm that the construction budget and project schedule is adequate to meet the project scope. The Schematic Design Documents shall establish the conceptual design for all components of the project by means of drawings, lists of assumptions, updated programmatic criteria, Basis of Design Reports, Preliminary Design calculations, preliminary cost estimates, project schedules and investigative surveys.

DESIGN DEVELOPMENT PHASE

The purpose of this submittal is to determine that the approach of the A/E reflects a thorough understanding of the design task at the earliest feasible stage in the design process. All major design concepts, systems, materials and features will have been defined, plus costs, schedule and phasing (including interface with adjoining or impacted projects), to achieve project objectives, so that all critical, major design decisions are made, approved and documented. Based upon the approved Schematic Design Submittal, the A/E shall provide Design Development documents that illustrate and describe the components of the project, establishing scope, cost, relationships, forms, size, appearance and quality.

CONSTRUCTION DOCUMENTS PHASE

The purpose of this submittal is to determine that all major features of design are progressing in accordance with prior direction, that major architectural and engineering decisions have been made, that most drawings and other documents are well advanced, and that general plans and sections of the drawings and calculations are appropriately advanced. This submittal is also to demonstrate agreement with the practices, policies, criteria, directives and standards that have been adopted and approved by the DOA for the project. The end result of this phase is construction documents suitable for public bidding.

DESIGN SUPPORT PHASE

After the award of a contract for construction, the A/E's services shall include such visits to the site of the project as may be required by the CITY to become generally familiar with the progress and quality of the work and to determine in general if the Work is proceeding in accordance with the Contract Documents.

The A/E's services shall also include the review of the Contractor's submittals such as shop drawings, product data, and samples to assure adherence to the intent of the working drawings and specifications. Such actions shall be taken with reasonable promptness so as to cause no delay. Other services required include responses to the Contractor's Requests for Information (RFI) and any resulting design amendments or changes.

TRANSMITTAL FORM FOR LEGISLATION

To Mayor's Office: Greg Pridgeon

General Manager's Signature: _____

From: Originating Dept. Aviation

Committees of Purview: TC

Committee Meeting Dates: 07/30/03

Contact: Anita Williams 404-530-6600

Committee Deadline: 07/25/03

Council Meeting: 08/18/03

CAPTION:

A RESOLUTION AUTHORIZING THE AVIATION GENERAL MANAGER TO ISSUE WORK AUTHORIZATION NO. 2 TO PRIME ENGINEERING INC. FOR FC-7370-01, ARCHITECTURAL AND ENGINEERING DESIGN SUPPORT SERVICES, IN AN AMOUNT NOT TO EXCEED TWO MILLION SIX HUNDRED THOUSAND DOLLARS (\$2,600,000.00) FOR ENGINEERING DESIGN OF THE APRON REPLACEMENT PROJECT AT HARTSFIELD ATLANTA INTERNATIONAL AIRPORT. ALL CONTRACTED WORK SHALL BE CHARGED TO AND PAID FROM FUND, ACCOUNT AND CENTER NUMBER 2H21 524001 R21E10209999.

BACKGROUND/DISCUSSION:

This paper will authorize Prime Engineering, Inc. to perform on-call architectural and engineering services. The apron areas are reaching the end of their design life which has resulted in increased maintenance of the pavement sections to maintain safe and efficient aircraft operations in the Concourse areas. This project will provide the engineering design for the replacement of the pavement sections for the entire length of the taxi lane between "T" gates and Concourse A. The design will also encompass the replacement of the pavement sections of the southwest taxi lane located between Concourse B and Concourse C (Ramp 3). The Hartsfield Development Program is a capital improvement program for Hartsfield Atlanta International Airport that will integrate major efficiency projects with multiple replacement, upgrade, maintenance, the runway/taxiway complex, ground access road system and related facilities of the Airport into a single improvement program.

FINANCIAL IMPACT: \$2,600,000.00

SOURCE: 2002 Airport Renewal
Extension Fund

Mayor's Staff Only:

Received by Mayor's Office: 7/21/03 (date) Reviewed: JP (initials) (date)

Submitted to Council: _____ (date)

Action by Committee: _____ Approved _____ Adversed _____ Held
_____ Amended _____ Substitute _____ Referred _____ Other